

**1922**

HIRAM PERCY MAXIM, PRESIDENT  
CHAS. H. STEWART, VICE-PRESIDENT

F. H. SCHNELL, TRAFFIC MANAGER

A. A. HEBERT, TREASURER  
K. B. WARNER, SECRETARY

# THE AMERICAN RADIO RELAY LEAGUE



EXECUTIVE HEADQUARTERS  
HARTFORD, CONNECTICUT

OFFICIAL ORGAN: QST  
KENNETH B. WARNER, EDITOR

## TRANSATLANTIC TESTS-A.R.R.L.

### PRELIMINARY TEST SCHEDULE.

Transmission will be by U.S. Inspection Districts. To qualify for the final tests a transmitter must cover 1200 air line miles or show documentary evidence that this distance has been covered during the months of September or October 1922. Time given herein is CENTRAL STANDARD TIME. (0) represents all Canadian amateurs. Full details of the Trans-Atlantic Tests will appear in October QST, page 11.

	Oct 25	Oct 26	Oct 27	Oct 28	Oct 29	Oct 30	Oct 31	Nov 1	Nov 2	Nov 3
P.M. C.S.T.										
9:30-9:45	0	1	2	3	4	5	6	7	8	9
9:45-10:00	1	2	3	4	5	6	7	8	9	0
10:00-10:15	2	3	4	5	6	7	8	9	0	1
10:15-10:30	3	4	5	6	7	8	9	0	1	2
10:30-10:45	4	5	6	7	8	9	0	1	2	3
10:45-11:00	5	6	7	8	9	0	1	2	3	4
11:00-11:15	6	7	8	9	0	1	2	3	4	5
11:15-11:30	7	8	9	0	1	2	3	4	5	6
11:30-11:45	8	9	0	1	2	3	4	5	6	7
11:45-Mid.	9	0	1	2	3	4	5	6	7	8

Example: All stations in the FIFTH Inspection District will transmit on October 25th from 10:45 to 11:00 P.M., on October 26th from 10:30 to 10:45 P.M., CENTRAL STANDARD TIME, etc.

*F. H. Schnell*  
Traffic Manager.

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KENNETH B. WARNER, EDITOR

SEP 30 1922

To all Affiliated Clubs:

A.R.R.L. TRANSATLANTIC TESTS!!!!

Just what you have been waiting for and there is no time like the present to get your transmitter and receiver in good working order that you may participate in these tests. We want you to do your best. A schedule of the preliminary tests is enclosed and complete details will appear in October QST, page 11.

The purpose of this letter is to tell you something about the preliminary tests. As you will note, transmitters must cover a distance of at least 1200 air line miles in the preliminary tests in order to qualify for the final tests. What I want to get over to you is the fact that we want absolute silence from every other transmitter in every district that is not transmitting. We want every transmitter to start right on the dot--and stop right on the dot according to the schedule. No ether hogs allowed! We want every transmitter to have the same equal chance of being heard.

While the other districts are transmitting we want you to QRX and copy every station call you hear. Remember other districts will do the same for you, QM. After the tests each night check up the calls heard at distances of 1200 miles or greater and drop each station a card with complete data. It is his chance to qualify if he can show one record because stations making application for the final tests must send in one record of 1200 miles or greater.

DON'T FORGET TO READ OCTOBER QST--PAGE 11--ALL THE DOPE IS THERE.

Sincerely yours,

*F. H. Schnell*  
Traffic Manager.





# THE AMERICAN RADIO RELAY LEAGUE

INCORPORATED.  
A MAGAZINE DEVOTED EXCLUSIVELY TO THE WIRELESS AMATEUR.

EXECUTIVE HEADQUARTERS  
HARTFORD, CONNECTICUT

OFFICIAL ORGAN: QST  
KENNETH B. WARNER, EDITOR

## TO CLUB SECRETARIES:

I am writing to ask you to bring before the members of your club the question of A.R.R.L. publicity. Its importance cannot be over-emphasized while the future of amateur radio depends on public sentiment and favorable legislation. Until the present time A.R.R.L. members have been a big family, whose activities were best known among themselves. It would now appear urgent that the public should know more about the A.R.R.L. and the valuable contributions of its individual members to the radio art.

Impressions that put the amateur in a position of defending himself and his rights have been spread and it now remains to break up these false illusions without departing from the truth. The question of interference between amateurs and broadcast listeners is almost too delicate a subject to talk about in mixed company. These are but a few reasons that demonstrate the value of publicity, another is the old song, "It pays to advertise."

A scheme for furnishing the larger papers of the country with news bulletins has been worked out and is already in operation. News bulletins are being mailed out at regular intervals. So far they have consisted primarily of news on the Transatlantics and general activities of the League. Nevertheless, we believe there are any number of good stories connected with the Affiliated Clubs, which could be "snapped up" and rushed into this bulletin for general publication.

What we desire to do now is to form a kind of "A.R.R.L. Associated Press Service" with correspondents distributed among the various clubs and divisions, who are familiar with amateur activities in their vicinity, and who will send us the material while it is hot. There may be times when we will need information quick, yet there is no one to call on except Division Managers, who are already giving a fair share of their time to the League.

The question of what is news is almost as difficult to answer as the question what is ether. Opinions differ. Applied to the A.R.R.L., it would probably call for non-technical, human interest stories of amateur activities, particularly of individual amateurs who have made some worth while contribution to the art. If we had merely the "tip" that such a story was to be had it would be a big help. A number of papers desire only local news. Hence, I would appreciate it if you would bring this matter before the members of your club and arrange for the appointment of a Publicity Man to furnish us with local news for our bulletins.

If your club desires to delegate one of its members for this purpose, I would like to have his name and hear from him as soon as possible.

If your club has a weekly paper, I would be glad to return the favor by mailing you our news bulletins.

Sincerely yours,

*J. Kenneth Bolles*  
Publicity Manager.

JKB\*DAN

**1927**



HIRAM PERCY MAXIM, PRESIDENT  
CHAS. H. STEWART, VICE PRESIDENT

F. E. HANDY, COMMUNICATIONS MANAGER

A. A. HEBERT, TREASURER  
K. B. WARNER, SECRETARY



# THE AMERICAN RADIO RELAY LEAGUE

INCORPORATED.

A MAGAZINE DEVOTED EXCLUSIVELY TO THE WIRELESS AMATEUR.

CABLE ADDRESS  
QUIST, HARTFORD

OFFICIAL ORGAN: **QST**  
KENNETH B. WARNER, EDITOR.

Executive Headquarters  
Hartford, Conn.

October 18, 1927

## ABOUT OUR RADIO CLUB BULLETIN.

A bulletin published at A.R.R.L. Headquarters for the welfare of the affiliated radio clubs. A news sheet from which suitable extracts can be reported to the general membership of your club at your meetings. A forum to which club secretaries may bring their problems for discussion.

## MR. CLUB SECRETARY

For a long time, we have felt a growing demand for a special bulletin for circulation among club secretaries. The purpose of our bulletin is to further the exchange of ideas for increasing club membership, attendance at meetings, for organizing successful activities and building stronger and better clubs. We hope that through this Bulletin, news of what all the clubs are doing may be quickly brought to each club secretary, enabling him to keep in touch with other club secretaries more easily than by the writing of many long letters. This is the first number of our club bulletin. Please feel that it is YOUR bulletin entirely. How often it comes out and what it contains is going to be up to you to a great extent. Let's have your suggestions and contributions for the Bulletin. Send 'em in through your SCM whose address is given on page 3 of each QST.

## SOME SUGGESTIONS BY THE C. M.

Clubs have a fine opportunity for cooperating with SCM and RM by organizing the traffic-handlers in different communities more systematically than would otherwise be possible. With the club a central meeting place, records of the schedules of member-stations can be kept posted so that traffic may be exchanged by local stations to speed it up and put it close to its destination promptly. 80-meter stations can take the messages for points where 80-meter schedules will serve best. 20-meter stations can handle the longer jumps advantageously. The club station can fit nicely into the general program, too.

Why not organize a radio net consisting of club stations. There would be many beneficial results from such a "net." Ideas, reports of activities, invitations to other clubs to visit, and traffic between members could be readily exchanged. Club stations could become fine clearing points for local traffic. Games and competitions of different kinds may be conducted between clubs "by amateur radio".

To help in forming a network of club radio stations we propose to list stations, operating hours, and wavelengths in the next bulletin if you will send us the information. We can put this before all the clubs and a few postal cards will then enable you to work out a system of schedules. Comments on this proposal are welcomed. Constructive suggestions undoubtedly will help materially in making a club "net" operative at an early date. Let us know what you can do along these lines, please, at the same time you keep Hq. informed of changes in officers, addresses and the like.

ALBERTA:                    The Alberta Radio Experimenters' Ass'n. has organized a valuable library and books are available to members on loan on applying to the librarian. A technical committee has been appointed which deals with technical problems of amateurs and assists new amateurs in getting started whether members of the association or not. In the summer months a message box is installed at the local auto camp for the convenience of visitors and messages are relayed from the club station.

----- A. V. Evans, Secy -- 1507 22nd Ave. W.  
Calgary, Alberta, Can.

CALIFORNIA:                The Oakland Radio Club has moved into its new clubhouse, where it has established free code classes, and is planning to operate a transmitter. 6CZR has been elected president to succeed 6ZX, who resigned. 6JS will be the chief operator of the club, and will have charge of the club station and its schedules. The club president, Mr. J. Walter Frates, 6CZR, 340 13th St., Oakland informs us that the club station has been assigned 6DRC and that it is hoped to QSO the new transmitter of the Wireless Institute of Australia at Sydney. He says everything is rounding into shape nicely for an active fall and winter season. FB!

The Central California Radio Club staged a hamfeed and get-together at Diamond Park (July 15) and had as their guests members of the Oakland Radio Club and YLs. The two clubs are planning new activities for the fall season which will include the inauguration of a press relay net, code classes, tests, outings, etc. So that more justice could be done to the office of Asst. SCM, which he held during the summer, 6RJ resigned as vice-president of the Oakland Radio Club and was succeeded by 6AYC.

The Silver Gate Amateur Radio Association has been very active in League work, and has given a very enjoyable dance, the proceeds for the Convention Fund. The Club's work is much appreciated. "The Static Sheet" continues to be of interest to hams. During the San Diego County Fair held the last week of September, a short-wave radio station was installed by the Silver Gate Club which, under the supervision of 6AJM, proved a huge success. Mr. Pierce, 6FV, has been appointed chairman of the club's interference committee. As he is the interference man for the San Diego Consolidated Gas & Electric Co., he is well-fitted for this work in which he is ably assisted by Mr. Capps. There are now 73 members (active and associate) and 5 honorary members. 50 are active and 23 are associate, i.e., 50 have licenses and 23 are without licenses. Mr. Good, 6AJM, Convention Manager is working hard on the Convention for which many stunts and prizes have been lined up. Sec'y. Gene Skinner, 6BSN, (1255 University Ave., San Diego, Calif.) says, "The Convention is taking our entire time and resources. When this is cleared, we can go ahead with our plans for a new shack." 6AVW is the club station and the club Headquarters are at the above address at present.

Mr. I. A. Kramer (1146 Florida St., San Francisco), President of the San Francisco Radio Club writes that the Club Station is being opened up immediately. One of the problems before his club is the formulation of suitable operating regulations to keep everybody happy. The starters-in are likely to give the station a bad reputation if allowed to operate and they may feel slighted if their privileges are limited in any way. How do you other clubs with stations manage this problem? Let's have the dope for the next bulletin. We all want to know what you have found to be a successful arrangement to meet the circumstances.

Some time ago, the Whittier Union High School Radio Club held a Picnic Hamfest with many contests and a big barbecued dinner working together to give the bunch a most enjoyable time.

At the quarterly meeting of the Los Angeles Section, A.R.R.L. (Sept. 13) about sixty amateurs were in attendance. Carl Zint, operator of KNT, Zane Grey's yacht "Fisherman", gave a very interesting account of fishing for half-ton swordfish as well as telling about other incidents and features of his trip. Mr. George Wilson, owner of the Ripple, KFLF, gave a fine talk about yachts and their doings. 6BJX and 6CMS gave a report of the work at the A.R.R.L. booth at the Radio Show. Over 1800 messages were filed at the booth. 500 were cleared from the booth station and amateurs needing a boost for the B.P.L. were given 100 messages from the show. Other interesting talks were given by 2AKO, 6CHZ and oz3AI. 6AM functioned as chairman and is indebted to 6AVJ, 6BJX and 6CHZ who planned and arranged the program. The next A.R.R.L. meeting is to be arranged by the Pasadena Short Wave Club and the succeeding meeting has been turned over to the Whittier gang who asked for the opportunity. At the previous A.R.R.L. meeting, interesting talks were given by Director Babcock, SCMs Smith and Sears, Mr. McMeen from the Telephone Company and Don Wallace, 6AM, who was introduced as the new SCM succeeding Mr. Smith, now operating KFLF in the South Sea Islands. A dandy time was had by all.

The Los Angeles Radio Club operated booth-station 6WH at the Los Angeles Radio Show. This was a phone transmitter working in the 80-meter band. Hardy (6CHS) and Hill (6BR0) installed and operated the outfit handling many messages for all parts of the world. To attract amateur and commercial ops to the booth an audio howl plus a speaker and key proved very successful.

The A.R.R.L. booth at the Radio Show Beautiful had an amateur telegraph station (6CUE), the arrangements and operation being by Knoch (6BJX) and Scott (6BXD). Over 1800 messages were handled. Nearly 200 amateurs visited this booth and a lot of credit goes to the men who put it over.

The Sacramento Valley Amateur Radio Club installed a 50 watt CW set and a 7½ watt phone outfit at the California State Fair at Sacramento. The operator handled 388 messages. The display attracted a great deal of attention gaining considerable publicity for the club, the A.R.R.L. and amateur radio in general.

The Short Wave Club of Pasadena meets regularly at the Chamber of Commerce rooms. The club had a booth at the Radio Show Beautiful in Los Angeles the first week in September. The membership of this organization is growing rapidly.

Staging one of the most successful hamfest of its career, the Santa Clara County Amateur Radio Ass'n. was host to nearly 130 amateurs from the East Bay Section on Sept. 29. A program of entertainment which started with six professional acts was arranged by 6BHY. Talks by Supervisor of Radio Bernard H. Linden and by Ralph Heintz proved of great interest to everyone present.



COLORADO:           The Associated Radio Operators of Denver transact their business at the beginning of each meeting. This is followed by hamfesting until a late hour. On July 29 Mr. Laird just returned from South Africa gave a good talk about radio conditions there. Mr. Laird plans to take a short-wave transmitter and receiver back with him next trip for U.S.A. contact. Dr. Cable told the gang about the first antenna and ham-transmitter in Denver. This meeting at the home of Director Segal, 9EEA, was followed by meetings at 9CHV, 9DGJ, and 9BVO. The club sponsored a most successful Rocky Mountain Division convention Aug. 26 and 27 -- see Nov. QST.

ILLINOIS:           Vincent Kerrigan, head of the Inspection and Test Department of the Bremer-Tully Mfg. Company at Chicago has been elected President of the Chicago Nines Club. Other officers elected at the semi-annual business meeting, July 5 are Clifford Agazim, Vice President; George Schmidt, Secretary; and Elmer Enke, Treasurer. As many will remember, the Chicago Nines Club was organized in December 1925 by a number of active Chicago amateurs. The first meeting, held at station 9VJ owned by Elmer Enke had nine charter members. At the present time, the club has thirty members, the limit set by its constitution. The members are all licensed amateurs and many of them are employed in the engineering and laboratory departments of Chicago radio manufacturers. The Club is operating its own station 9CN, operating on 21 and 42 meters with a 250 watt tube. The Club station is located at the home of Dr. A. C. Hammett, 4183 Barry Ave., Chicago, Ill.

The Chicago Radio Traffic Association Indoor Baseball Team defeated the Chicago Nines Team by a score of 23 to 12. The game was played at Douglas Park in Chicago. The CRTA brought thirteen runs in the first inning, and therefore had the game pretty well in hand from the start. The Chicago Radio Traffic Ass'n. publishes an excellent monthly bulletin for the members known as QTC. At the Illinois hamfest (Kankakee) Aug. 6 and 7, the Chi-Nines came back and beat the CRTA at baseball by a score of 14-2. The C.R.T.A. ball team issues a challenge to all comers! The total attendance at this very successful affair was 115. With prize contests much in evidence and with a gala time at Avon Beach Park, the gang passed a vote of thanks to Mr. White of 9EAL for having put over the best hamfest ever. The C.R.T.A. announces a new policy incorporating in its organization a non-resident membership for out-of-town hams wishing to join at a special rate of one dollar per year. The C.R.T.A. meets every first and third Thursday of each month in Room 903, County Bldg., Clark and Randolph Sts. Out of town visitors are always welcome. The C.R.T.A. is conducting a traffic contest for Illinois hams. A traffic cup will be awarded to the amateur having the highest traffic total for three consecutive months. Sets of Chirad receiving coils will be given the 2nd and 3rd high. All A.R.R.L. members in Illinois are eligible also for the award in the WNP contact-contest for which suitable trophies will be given the amateur handling most WNP traffic. An elaborate program has been planned for the annual C.R.T.A. banquet which will be held on Saturday November 5. The Chicago amateurs were represented at the Chicago Radio Show by interesting displays of amateur work in two booths donated through the courtesy of the Show management.

LOUISIANA:           The Caddo Radio Club of Shreveport had a watermelon feast at last meeting in July. Melons rated 50 watters (50 water-melon, how!). Same officers were re-elected. SANC President; 5WY and 5ACJ and 5ML Vice-Presidents; 5AGJ Treasurer and Dr. LeRoy Scott, Secretary.

MISSOURI: A very successful hamfest was pulled off by the Third Chapter of the Order of Brass Pounders in Kansas City in connection with the annual Radio Show last week. (Sept. 30-Oct.2). Although the attendance suffered, the amateur spirit was in no way dampened by the heavy and continuous rainfall, and a real time was had by all. The Radio Show was quite extensive, and the large Exhibit of amateur apparatus in the OBP Booth seemed to be the main attraction, judging from crowds around it. A station was set up and messages handled for the visitors, directly from the show. The boys received a letter from the show management commenting on the success of their exhibit. The closing night of the show the amateurs gathered in the City Club for a banquet. Acting as toastmaster, MacDowell of 9ZD broke thru his "fatherly reserve" and kept the gang in an uproar with his witty remarks as he introduced the speakers. After the excellent feed, many valuable prizes were drawn by lucky amateurs. The OBP thanks the Kansas City radio houses for their generous donations. The next day was spent in visiting local amateur stations, and many were found to embody the latest improvements shown in QST. The visiting hams were impressed with the neatness of these installations. In spite of the weather, a large turnout made the occasion lively and one that will long be remembered by those present.

The O.B.P. Radio Club, Chapter Nr. 1 (Vice-Pres. Dr. Chas. L. Klonk, 9AUU, 314 Halliday Ave., St. Louis, Mo.) says, "Our club is semi-secret and is known as Chapter Nr. 1. We allow others to organize sub-chapters regulated and controlled by the constitution and by-laws of chapter Nr. 1 known as the parent chapter. There is no limit to the number of sub-chapters. This is a new idea in radio organization and it works FB in St. L. and Kansas City, Mo. We solicit up to fifteen, after that number, the solicited membership is closed. Only voluntary unsolicited applications are acted upon after this and again closed when twenty-five are reached. We meet in alphabetical order at each other's home. The host for the evening acts as Chair and furnishes refreshments."

NORTH CAROLINA: The Charlotte Amateur Radio Association is now in its new clubhouse, and is planning the installation of a good transmitter for the purpose of handling traffic. Kindly address all communications to the association care of Secretary T. A. Banks, 2233 Avondale Ave., Charlotte, N. C.

NEW HAMPSHIRE: IASR has been doing some good 40-meter work and putting St. Paul's School Radio Club on the map. 1C1K, 1BFT, 1AOQ, and 1AVL are all active members of the Concord, N. H. gang.

NEW JERSEY: "The monthly social meeting of the Bloomfield Radio Club had a record summer attendance of thirty. An interesting talk was given by 200-2JX and very enjoyable refreshments were served while the activities of the club were discussed and eight new members were received, all licensed amateurs, some being old timers, engineers and active amateurs, including old 2ZM, now 2MB and 8DEM an engineer on the staff at 3XN who is an expert on Hertz antennas. An important rush message was handled at the club station, nu-2JC, from WNP on August 22nd, and forwarded by land line to its destination in Chicago as requested on account of WNP not being able to establish communication elsewhere. The operator at

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ONTARIO:                   The Western Ontario Amateur Radio Association held its annual picnic in mid-July. nc3IA, nc3UD, nc3OM, nc3CS, nc3DU, nc3LW, nc3OB, nc3BE, nc3XN and Mr. Hardy (call not yet assigned) were among those present. An enjoyable time was had by all the gang with first class music from the musicians of the party. -- J. A. McArthur  
19 Wilson Ave.  
St. Thomas, Ont.

PENNSYLVANIA:           The Oakmont High School Radio Club, 8AGQ, of Oakmont, Pa. is organizing a radio net-work between high schools having stations. All those interested are asked to communicate with 8AGQ. This is an exceptionally fine idea!

"At the annual election of the Amateur Transmitters' Association of Western Pennsylvania held in Pittsburgh October 7, the following officers were elected: President, W. H. Koister; First Vice-Pres, R. H. Marshall, Second Vice-Pres, P. E. Wiggin; Third Vice-Pres, A. Mag; Fourth Vice-Pres, D. M. Stanier; Secretary, H. G. Wood; Asst. Secretary, G. M. Luther; Treasurer, C. C. Young. The following were elected to the Board of Directors: W. J. G. Cooper, H. J. Lohman, A. W. McAuly and W. A. Hoover. Club mail should be addressed to H. G. Wood, Secy, 1415 Center St., Wilkinsburg, Pa." -- W. H. Koister, 8DHU  
(rec'd via 8CEO and 1MK)

TEXAS:                   The third annual Hamfest of the Bexar County Radio Association was held at San Antonio, Texas on July 16th and 17th. Approximately seventy-five amateurs were present as well as a number of Signal Corps Officers, A.R.R.L. officials, and an Inspector of the Dept. of Commerce. Visits were made to the new power house of the San Antonio Power Company, and to amateur stations in San Antonio and vicinity. Mr. Edward G. Conroy, 5ACZ, was toastmaster at the banquet. Frank G. Corlott, Director of the A.R.R.L. addressed the meeting on the aims of the League. Mr. E. A. Sahn, Communications Manager of Southern Texas delivered a stirring talk on amateur ideals. Mr. James C. DePue gave a technical talk on the construction of transformers. Others addressing the meeting were R. W. Carr, the Dean of amateur radio in San Antonio, and L. J. N. du Treil, Radio Inspector. After the banquet there were contests with appropriate apparatus prizes. The short-wave crystal-controlled set at the army post attracted much attention. A number of the men enjoyed a swimming party at one of San Antonio's tropical parks. After the swim, several large watermelons were disposed of.  
--- L. J. N. du Treil, Radio Inspector  
Customhouse, New Orleans, La.

UTAH:                   The Utah Amateur Radio Club installed an amateur transmitter and receiver in the Club Booth at the Utah State Fair and Radio Show (Oct. 1-8). The organization followed the usual policy of clubs in getting display material from A.R.R.L. Headquarters with suggestions for the booth-station operation. A splendid location for the booth was donated and a report on the traffic handled and the number of visitors at the booth is expected soon. Mr. Don C. McRae, 6RM, 214 Belvedere Apts., Salt Lake City, is President of this live club. Several well-attended meetings during the summer were occasions for hamfesting, especially with visitors from outside Salt Lake City.

WASHINGTON: The Tacoma Radio Club as one of its regular activities holds an annual joint picnic with Seattle.

WEST VIRGINIA: The Telegraphic Radio Club of Huntington held a fine ham-fest at its station, 8WK, at which some 30 hams were present.

WISCONSIN: The School of Engineering Radio Club of Milwaukee discontinued its meeting thru the summer. 9SO, the club station, continued to keep its schedules throughout the hot months, having 5 operators on the job. The station is always on the lookout for traffic and has been able to find a good bit of it even on 20 meters.

The Milwaukee Radio Amateurs' Club held their annual picnic July 31 which was attended by about 25 radio men and their wives and sweethearts. A good time was enjoyed by all. "The club held its first fall meeting Thursday September 15, the election of officers taking place on the following Thursday".

-- Mr. Freeman D. Schunck, Secy-Treas.  
4706 Beloit Road, West Allis, Wis.

-...-

A moving picture camera and projector is available for our club. As 9DHP can operate the camera, we are planning on taking a couple of reels of the various stations in Mpls. and around the nearer outlying country. We plan to get these into some of the theaters and will send them to other clubs if they want to use them. What do you think of the idea?

--D.F. Cottam, 9BYA.  
Twin City Radio Club,  
3538 Third Ave. So.,  
Minneapolis, Minn.

HIRAM PERCY MAXIM, PRESIDENT  
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Executive Headquarters  
Hartford, Conn.

June 10, 1927

TO ALL AFFILIATED CLUB SECRETARIES: (copies to SCMs)

Dear OM:

From time to time some club organizations write what they are doing along different lines while other organizations write for our suggestions of ways in which they can be useful to the communities in which they are located.

In this connection, the following statements quoted from a recent letter to our President, Mr. H. P. Maxim may be of interest to your members:

"Your membership (referring to A.R.R.L. membership) is doing fine work in its chosen technical undertakings. There is, however, one additional opportunity for service to the American public in which your members can be of greatest usefulness, right in their own home towns and communities. It is the giving of assistance in the finding of interference sources that mar broadcast reception locally. The average broadcast listener does not know how to go about locating sparking motors or switches, high tension apparatus, faulty power equipment, code transmitters, or other causes which may be ruining his radio reception. Yet this is easy, of course, for any radio amateur.

"If your local groups could convey through the newspapers their willingness to help their fellow townsmen, publishing the telephone number of some member who, upon call, would act as 'chief trouble hunter', assigning other members to help I believe much interference could be located and remedied.

"Here is a real public service your body can perform and one of fascinating interest to your members. I earnestly recommend it to your attention. (Sig) O. H. Caldwell, Commissioner".

Many clubs have committees to handle code interference. Some that we are acquainted with even go so far as to include all kinds of interference in the work of its trouble-shooting department.

Such service, advice, and recommendations, as are appropriate are given in connection with local interference problems.

It is suggested that wherever possible, amateur organizations adopt the suggestion offered by the Federal Radio Commission as an excellent method of securing public commendation through service to the local community.



The club's publicity manager or publicity committee can readily assist the interference committee in its work. For clubs not already having organized representatives to handle the interference problem, it may be mentioned that the vigilance committees organized by the League in different communities a few years ago consisted of some members interested in amateur activities, others familiar with broadcast listening and still others experienced in publicity work and capable of making a good impression through contact with the general public. A well balanced committee with definite duties assigned to each member and a definite plan of soliciting and handling complaints and reports of interference throughout the year cannot help but prove successful.

Sincerely yours,

*F. E. Handy*  
Communications Manager

FEH\*DEM

HIRAM PERCY MAXIM, PRESIDENT  
CHAS. H. STEWART, VICE-PRESIDENT

F. E. HANDY, COMMUNICATIONS MANAGER

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KENNETH B. WARNER, EDITOR.

Executive Headquarters  
Hartford, Conn.

December 23, 1927

To: Affiliated Clubs, Section Managers, (Copies to Directors)  
From: Communications Manager  
Subject: Enclosed suggestions on Amateur Interference

Please bring this information to the attention of as many amateurs as possible in your club organization or your Section. Copies are available at Headquarters for those who can use them and request this information. If you can use a moderate supply to advantage please let us know the quantity desired.

Also, please note the following corrections in our enclosure:

Page 1 -- Causes of Trouble -- line 5 -- "spectrum of frequencies, diminishing in intensity at"

Page 2 -- last paragraph -- last sentence, should read, "Radio frequency choke coils placed in the supply leads either to the transmitter or to the B-eliminator on BCL receivers, will often be found helpful in preventing r. f. leakage through the power lines to the B-sub and receiver."

Page 3 -- third paragraph -- line 7 -- "A change in antenna location will be necessary if the pick-up is found to be made inductively from transmitting to receiving antenna. In the case of induction from transmitting antenna in house wiring, it will be found necessary to either change the antenna location or run all house wiring in grounded BX."

Page 5 -- (3) -- 2nd line from end of paragraph -- "two traps in series in antenna or ground lead."

Bottom of page -- right hand diagram of "Typical Key-thump Filters." The condenser between center tap and 3 hy. cushioning inductance which may be assumed to be across H.V. (at filter end of R.F. choke) should not be much greater than 2 mfd. Greater values may put audible "tails" on the signals after key is opened. Condensers across key and high voltage should be insulated for plate voltage. Circuit conditions and adjustments influence key thumps so no hard and fast rule may be followed in designing a key-thump filter. Keying in neg. H.V. is permissible when tests show there is no thump.

Page 7 -- In General -- 7th line in paragraph -- "with remote control of such devices have made some such installations workable."

Last paragraph -- line 2 -- result from commutator "mush" from the M.G......

**1928**



HIRAM PERCY MAXIM, PRESIDENT  
CHAS. H. STEWART, VICE-PRESIDENT

F. E. HANDY, COMMUNICATIONS MANAGER

A. A. HEBERT, TREASURER  
K. B. WARNER, SECRETARY



# THE AMERICAN RADIO RELAY LEAGUE

INCORPORATED.

A MAGAZINE DEVOTED EXCLUSIVELY TO THE WIRELESS AMATEUR.

CABLE ADDRESS  
QUIST, HARTFORD

OFFICIAL ORGAN: **QST**  
KENNETH B. WARNER, EDITOR.

August 23, 1923

TO ALL OFFICIAL BROADCASTING STATIONS:

Eastern Stations: Please try to send the broadcast information to Western O.B.S. to put it in their hands at as early a date as possible. Western Stations: Try to copy the broadcast when it is sent out from some eastern station. If you can't copy it directly on an O.B.S. schedule, try to work some of the stations having the broadcast, possibly arranging operating schedules with them in order to get the new broadcast promptly.

Please put the new broadcast (Nr. 254) on the air at once and send it from your station during a period of about one week. Send the broadcast on scheduled time and wavelength at a rate of speed that will make the broadcast easy to copy -- not so slowly as to be tiresome and not so fast that it cannot be copied by beginners. Wavelengths, calls of stations and unusual words should be repeated after the error signal so that the receiving operator may get them correctly through QRN and QRM.

Please listen for special broadcasts from LMK on Thursday and Friday nights on wavelengths of 83.86 and 41.93 simultaneously. Copy these directly in advance of mail ~~coming from LMK at the following times on station. The~~ Thursday at 8:00 pm and midnight E S T. Monday and Friday it is sent at 8:00 pm and 10:00 pm E S T.

Sincerely yours,

*F. E. Handy*  
Communications Manager

FEH\*DEM

-000-

Here is the broadcast:

QST QST QST NU (Insert your own call)  
OFFICIAL BROADCAST NR 254 TO ARRL MEMBERS

HARTFORD CONN AUG 23 EARLY REPORTS INDICATE TEN METER EXPERIMENTERS DOING FINE WORK IN AUGUST TESTS STOP ATTENTION IS DIRECTED TO 100Z TRANSMISSIONS FROM WIANNO MASS USING DIRECTIONAL RADIATOR OF SPECIAL DESIGN STOP TESTS FROM 100Z WILL RUN REGULARLY UNTIL OCTOBER FIRST USING 28846 KC OR TEN POINT FOUR METERS ON FOLLOWING SCHEDULES EACH MONDAY WEDNESDAY AND SATURDAY 4:15 PM AND 4:30 TO 4:45 PM EST COMMA SUNDAYS 3 TO 3:15 AM AND 3:30 TO 3:45 AM EST STOP ALL AMATEURS WHO CAN DO SO ARE ASKED TO CONTINUE TEN METER TESTING EACH SATURDAY AND SUNDAY REPORTING ANY AND ALL RESULTS END

QST QST QST NU (Insert your own call)

SCMs, Affiliated Clubs, 10-meter experimenters: For your information on ten meter work. Please pass this along to anyone who is equipped to help. Tnx.--FEH



HIRAM PERCY MAXIM, PRESIDENT  
CHAS. H. STEWART, VICE-PRESIDENT

F. E. HANDY, COMMUNICATIONS MANAGER

A. A. HEBERT, TREASURER  
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CABLE ADDRESS  
QUIST, HARTFORD

OFFICIAL ORGAN: **QST**  
KENNETH B. WARNER, EDITOR.

Executive Headquarters  
Hartford, Conn.

February 7, 1928

TO ALL OFFICIAL BROADCASTING STATIONS:

Eastern Stations: Please try to send the broadcast information to Western O.B.S. to put it in their hands at as early a date as possible. Western stations: Try to copy the broadcast when sent out from some eastern stations. If you can't copy it direct on O.B.S. schedule, try to work some of the stations having the broadcast, possibly arranging operating schedules with them to get the new broadcast promptly.

Please put the new broadcast (Nr. 228) on the air at once and send it from your station during a period of about one week. Send the broadcast on scheduled time and wavelength at a rate of speed that will make the broadcast easy to copy; not so slowly as to be tiresome and not so fast that it cannot be copied by beginners.

Wavelengths, calls of stations, and unusual words should be repeated after the error signal so that the receiving operator may get them correctly through QRN and QRM.

Sincerely yours,

*F. E. Handy*  
Communications Manager

FEH\*DEM

-oOo-

Here is the broadcast:

QST QST QST NU (Insert your own call)  
OFFICIAL BROADCAST NR 228 TO ARRL MEMBERS

BOSTON MASS FEB 8 FUND TO REBUILD HISTORICAL NAVAL RELIC THE FRIGATE CONSTITUTION NEEDS 260000 DOLLARS TO BE REAISED MAINLY THRU SALE OF BEAUTIFUL TENCOLOR LITHOGRAPHS OF CONSTITUTION AT 25 CENTS EACH STOP THE SECY OF THE NAVY HAS APPROVED INCREASING PRICE THIS PICTURE TO 50 CENTS MARCH ONE TO MEET EXPENSES AND PERMIT RECONSTRUCTION WORK TO GO ON AFTER JULY ONE WHEN PRESENT FUNDS WILL BE EXHAUSTED STOP THIS IS A WORTHY AND PATRIOTIC CAUSE AND IT IS HOPED THAT MANY WILL TAKE ADVANTAGE OF CHANCE TO BUY LITHOGRAPH BEFORE MARCH 1 AT LOW PRICE OF 25 CENTS STOP TO HELP ADDRESS YOUR REMITTANCE TO OLD IRONSIDES NAVY YARD BOSTON MASS AND GET A SPLENDID TENCOLOR PICTURE OF FRIGATE CONSTITUTION END

QST QST QST NU (Insert your own call)  
Copies to SCMs and Clubs for their information.



HIRAM PERCY MAXIM, PRESIDENT  
CHAS. H. STEWART, VICE-PRESIDENT

F. E. HANDY, COMMUNICATIONS MANAGER

A. A. HEBERT, TREASURER  
K. B. WARNER, SECRETARY



# THE AMERICAN RADIO RELAY LEAGUE

INCORPORATED.

A MAGAZINE DEVOTED EXCLUSIVELY TO THE WIRELESS AMATEUR.

Executive Headquarters  
Hartford, Conn.

CABLE ADDRESS  
QUIST, HARTFORD

OFFICIAL ORGAN: **QST**  
KENNETH B. WARNER, EDITOR.

January 4, 1928

TO ALL OFFICIAL BROADCASTING STATIONS:

Eastern Stations: Please try to send the broadcast information to Western O.B.S. to put it in their hands at as early a date as possible. Western Stations: Try to copy the broadcast when sent out from some eastern stations. If you can't copy it direct on O.B.S. schedule, try to work some of the stations having the broadcast, possibly arranging operating schedules with them to get the new broadcast promptly.

Please put the new broadcast (Nr. 223) on the air at once and send it from your station during a period of about one week. Send the broadcast on scheduled time and wavelength at a rate of speed that will make the broadcast easy to copy; not so slowly as to be tiresome and not so fast that it cannot be copied by beginners.

Wavelengths, calls of stations, and unusual words should be repeated after the error signal so that the receiving operator may get them correctly through QRN and QRM.

Sincerely yours,

*F. E. Handy*  
Communications Manager

FEH\*DEM

-oOo-

Here is the broadcast:

QST QST QST NU (Insert your own call)  
OFFICIAL BROADCAST NR 223 TO ARRL MEMBERS

HARTFORD CONN JANUARY 4 LESS THAN THIRTY DAYS REMAIN IN WHICH YOU CAN ENTER INTERNATIONAL TESTS YET ONLY 138 U S AND 5 CANADIAN STATIONS HAVE SENT ENTRY CARDS TO ARRL CONTEST HDQ STOP PRIZE APPARATUS DONATIONS FROM MANUFACTURERS NEARING 4000 DOLLAR MARK STOP SEE PRIZE LIST WITH JAN ORS BULLETIN STOP WILL YOU BE IN LINE FOR A PRIZE QUERY THEN SEND YOUR ENTRY TODAY END

QST QST QST NU (Insert your own call)

Copies to Clubs, for their information.

**1930**





# THE AMERICAN RADIO RELAY LEAGUE

Executive Headquarters  
Hartford, Conn.

CABLE ADDRESS  
QUIST, HARTFORD  
OFFICIAL ORGAN: QST  
KENNETH B. WARNER, EDITOR.

May 15, 1930

TO ALL ARRL MEMBERS OF THE WISCONSIN  
SECTION OF THE CENTRAL DIVISION

In accordance with the provisions of the Constitution and By-Laws of the American Radio Relay League and following the call for nominating petitions for Section Communications Manager that has appeared in QST, an election is now in progress for this official in your Section.

Several nominating petitions for each of the candidates have been received. The League's Constitution provides (Amendment 15, By-Laws 6A) "the candidates' names shall appear on the ballot in the order of the number of nominations received."

At the bottom of this letter is a ballot bearing the names of the candidates. In the space provided, please check the name of the man you want as your leader. Choose carefully for the best interests of all League members in the Section. Section Communications Managers are elected for a two-year term of office.

Be sure to mark and mail your ballot AT ONCE. Your ballot must be used IMMEDIATELY to count. Tear yours off on the dotted line, fill it out and mail to A.R.R.L. Headquarters. Ballots received up to noon, Thursday, May 29, 1930 will determine who is elected. Ballots received later than this date positively will not count. Don't delay in sending us YOUR vote!

Sincerely yours,

*F. E. Handy*  
F. E. Handy  
Communications Manager

FEH\*LMS

Vote for ONE candidate only.  
Fold and tear on the dotted line

.....  
Communications Department, A.R.R.L., 1711 Park St., Hartford, Conn.

I am placing an X in the square opposite the name of my choice of the two candidates for Section Communications Manager for the Wisconsin Section of the Central Division.

☐ Mr. C.N. Crapo, W9VD, 443 Newton Ave., Milwaukee, Wisconsin  
☐ Mr. A.D. Sanial, W9AZN, 608 S. 4th St., LaCrosse, Wisconsin  
.....

HIRAM PERCY MAXIM, PRESIDENT  
CHAS. H. STEWART, VICE-PRESIDENT

F. E. HANDY, COMMUNICATIONS MANAGER

A. A. HEBERT, TREASURER  
K. B. WARNER, SECRETARY



# THE AMERICAN RADIO RELAY LEAGUE

INCORPORATED  
A MAGAZINE DEVOTED ENTIRELY TO AMATEUR RADIO

EXECUTIVE HEADQUARTERS  
HARTFORD, CONNECTICUT, U. S. A.

CABLE ADDRESS  
QUIST, HARTFORD  
OFFICIAL ORGAN: **QST**  
KENNETH B. WARNER, EDITOR.

February 13, 1930

To Affiliated Club Secretary:

Many of the officers and members of A.R.R.L. affiliated clubs are no doubt not aware of the reduced prices on A.R.R.L. supplies available to them as affiliated clubs.

We know that a large number of amateurs use the League's standard forms (message blanks, log sheets, and member's correspondence stationery) and "The Radio Amateur's Handbook". The three forms mentioned and the handbook are available to your club membership at special prices when ordered in the quantities shown below -

Minimum quantity required to obtain special price	Article	Total cost to you postpaid	Regular price
10 copies	Radio Amateur's Hand- book	\$6.70	\$10.00
12 pads (100 sheets to pad)	Message Blanks	3.00	4.00
1000 sheets	Log Sheets	3.00	3.50
1000 sheets	Member's correspond- ence stationery	3.00	3.50

The saving effected by club secretaries ordering in these quantities can be used in either of two ways, to benefit the club treasury, or to be passed along as a saving to individual members of your club.

We would be very glad to have you take up this matter at one of your meetings or place this communication on your bulletin board along with the enclosures - samples of the forms mentioned and circular concerning the Handbook.

Sincerely yours,

David Houghton\*DEM

*David Houghton*  
Circulation Manager, QST.

**1936**



# THE AMERICAN RADIO RELAY LEAGUE

INCORPORATED

A MAGAZINE DEVOTED ENTIRELY TO AMATEUR RADIO



CABLE ADDRESS  
QUIST, HARTFORD

OFFICIAL ORGAN: **QST**  
KENNETH B. WARNER, EDITOR

Executive Headquarters  
West Hartford, Conn.

July 21, 1936

To: All A.R.R.L. Section Communications Managers  
All Active Affiliated Radio Clubs

From: Communications Manager.

SUBJECTS: 1. A.R.R.L.'s CASE FOR AMATEUR RADIO PRESENTED TO F.C.C. IN MID JUNE

2. LATE WASHINGTON NEWS AND DEVELOPMENTS

3. A.R.R.L. TESTIMONY-BOOK; PASS IT AROUND FREELY; TELL OTHERS ABOUT IT!!!

*NOTE: Book is  
IN CLUB  
Records*

1. Since we can't make the personal visit we would like this summer for a friendly chat with you on amateur radio, we are writing briefly to give you all the latest news in the regulatory field, while it's hot. Under separate cover you have just received a current ORS/OPS bulletin. The lead article in this is an account of A.R.R.L.'s presentation for amateur radio before the F.C.C. in June.

The full case was planned to demonstrate strikingly our needs for 3500-4500 kcs. and 7000-7500 kcs., and to give the maximum protection for our u.h.f. territory, threatened by the near advent of television and other ultra high frequency allocations asked of the Commission.

With this letter I am sending you one of the books of testimony on the amateur case. This is exactly like the one made up for the individual Federal Communication Commissioners and their engineers. "The book" tells the whole case for amateur radio better than any words of mine. You will find it just full of justification for us hams, and arguments for our bands. We wish that every amateur could have a copy, but the cost makes it necessary to limit distribution to you leaders of amateurs, depending on you to tell everybody about the case itself --- or "show 'em the book"..it's better than words. A strong effective presentation of this testimony was made to the F.C.C.

2. After the hearing the Commission made no pronouncements but of course made studies of facts placed before it by all witnesses.

Meetings of the United States preparatory committees for the Cairo telecommunications conference were scheduled July 15th and 16th. Secretary Warner attended at the instruction of President Woodruff.

On July 16th, on behalf of A.R.R.L. he made formal request of the preparatory committee for extension of our amateur bands to 3500-4500 and 7000-7500 kcs., citing the reasons detailed at the June hearings. His motion was seconded and discussed but other members of the committee, consisting of government men and representatives of all major U.S.A. radio interests, regarded it as



impossible and unreasonable. It was stated impossible to move the government and fixed services now using the territory requested. Put to a vote, the committee turned down the amateur request flatly. Request of the broadcasters presented at the same meeting by Baldwin of N.A.B. (for 180-210 and 520-540 kcs.) was likewise voted down. Report of this is now before the whole ARRL Board, which is studying the situation to decide if and how any appeal should be made. Chances of success as all amateurs have known are modest enough. If our own government representatives refuse to back our request it becomes more difficult.

Definite progress was made in another request made at the same Cairo committee meetings. Although our F.C.C. call us a "service" the international regulations never have and it is important (in enabling our representatives to defend ourselves fully in future conferences with an overwhelming majority of unfriendly delegates present) to cover our standing on every front. In one of the committees studying definitions the possibility of proposing a definition for the amateur service became apparent. Warner got the favorable action of the committee in adopting the following definition:

"Amateur Service-----the service of experimentation, self-training, and intercommunication carried on by amateur stations."

While some commercials in this country have challenged whether we were entitled to be called a service, our presentation in June was an adequate answer. We have had trouble from QRM in our bands from some countries where individual broadcasting (with no advertising or pecuniary compensation) has been considered permissible (by those governments) within our bands. If the above definition is accepted at the final full session of the U.S. Cairo preparatory committee it will appear in the U.S. proposals for other governments to consider for Cairo, and if adopted there, will then constitute grounds for excluding such illegitimate broadcasting from our bands on complaint of our government.

- . . . -

F.C.C. expect to make Class-B exams possible (optional but not compulsory) at the special examining points where Class-A only is now given. F.C.C. send examiners to such cities only twice a year, but this would help.

- . . . -

The June 30, 1936 F.C.C. report shows that amateur stations increased 2.8% over the last year, 46,850 from 45,561 or a gain of 1289. The first of those 3-year licenses will start to run out soon so that F.C.C.'s normal rate of expirations will start to operate again to reduce deadwood and prohibit artificial gains.

- . . . -

For the 12 months March 1935 - February 1936, the F.C.C. states that it handled 2842 complaints of BCL's about amateur interference. While only about a quarter of all amateur operation is radiotelephone operation, 62% of the complaints were traceable to 'phone work, while telegraphy accounted for 38%. The 160-meter 'phone complaints alone seem to have been more numerous than all the telegraph complaints together (close to 1200). The percentage of the BCL-QRM from the different 'phone bands according to F.C.C. representatives at the June hearings,



divides like this:

160 m.....	67%	(This is the data on the 62%
75 m.....	17%	traceable to 'phone. The
20 m.....	8%	F.C.C. has not stated how the
10 m.....	1%	38% c.w. BCL-QRM divides by
5 m.....	7%	bands.)

Complaints are numerous and vociferous, the F.C.C. regard the situation as serious and requiring action, F.C.C. representatives also feel that the type of amateur work that goes on in this band, adjacent the broadcast band, is not any credit to amateur radio in many cases. If amateurs do not speedily correct this situation, it is pretty certain that the Commission will do something drastic. Our bulletins and QST have long discussed this subject. Last warnings and action by you fellows in the field may save the day. Please mention this matter at hamfests and meetings and put it up to all the fellows squarely. We are 100% earnest in our opinion in the ORS/OPS bulletin now in the mails that general amateur public opinion must work fast, and individuals get busy and get wise, or definite F.C.C. remedies that may hurt everybody are going to be applied.

Several possible changes have been tentatively advanced by different individuals as the ones to remedy this: (1) Take all 'phone out of 1715-2000 and use it only for c.w. Give unrestricted 'phone 3800-3900 and leave Class A 3900-4000. (2) Divide the 160-meter 'phone band "restricted" 1800-1900, "unrestricted" 1900-2000. (3) Let both 160 and 75 be Class A bands, putting Class B on 30 and 60 mc. (4) Swap Class A and unrestricted 'phone privileges between 160 and 75 so that Class B men use their 'phone on the higher frequency. Which solution, or what other remedy??????? If the complaint situation doesn't get any better the League can't hold things indefinitely. Somebody please name a solution so logical as to meet this need and satisfy everybody!

There are a number of academic considerations in the above suggestions, as one might expect. Idea (1) for example is based on the thought that we could make advantageous telegraph use of the band as now in 3500-3900 kcs. But one cannot regiment amateurs or make them use 160 meters in summer QRM. Even when DX on 160 is fine it has always required a disproportionate sales effort to get telegraphing hams to use 160. If one has no occupancy there is danger of losing kilocycles there, too. Ideas (2), (3) and (4) all are based on the thought that a Class A ham can be trusted to do better than a Class B in the kcs. next the broadcast band....but we seriously doubt the validity of the thought. It is our personal view that the percentages of complaints attributable to 160 and 75 meter bands respectively are due to the proximity of the frequencies (to the b/c band) much more than to the relative merits of Class A and B amateur operators. What the 160-meter newcomer lacks in knowledge, he usually makes up in cooperative effort. The experienced 75-meter ham on the other hand uses a higher average power level than does the average 160-meter 'phone station. If we agree that he handles it better, which is sometimes true there remains our observation from individual cases brought to our attention that some experienced men can be more arbitrary than newcomers with BCL's. While some 160 operators may use that band from license restriction rather than choice, there are many who stick by the band for years, even when they hold Class A tickets. Again, what solution???

Don't forget, to suggest at ham meetings and every opportunity (1) that all 'phone station operators get busy and check locally to see that no interference is occurring (2) if it is, then they should handle it to get the full good will of the public and cut off the stream of complaints to F.C.C. (3) Tell the gang to



write A.R.R.L. for our Communications Department interference circular, and follow Handbook suggestions to reduce or eliminate QRM.

- . . . -

3. The A.R.R.L. Testimony at recent F.C.C. Hearings. With this letter you will receive "the book". All hams will be interested. Then too they should want to know all the arguments for ham radio, and there are good ones in the book. Please make it a point

- (a) To take the testimony book to meetings, to the club, etc.
- (b) To pass it around freely.
- (c) To tell others what a book of official testimony looks like.

One ham in a hundred or less knows anything about the "behind the scenes" work that is necessary in building up and presenting a formal case for amateur radio, through representatives with or without counsel. As a leader of amateur radio in your territory, you are the o n e to get the book. It is made available to help you in your aim to give amateurs the inside story of the case.

It's an expensive job to print up books of testimony. Since money must be conserved to pay other hearing expenses, and the similar preparation for intricate work in defense of our amateur needs (the Board plans to send two representatives to Bucharest next year, and is looking to Cairo beyond!) it is impractical to make up any large quantity of copies of evidence. Even though the copies are scarce, don't let this book remain idle on your bookshelf or desk! When we see you, and we hope to one of these days, we want to see the book, and hope to find it not spic and span but dog eared from much travel and passing around at ham meetings. Can we count on you? We know we can.

Thanks and 73,

Fraternally,

*F. E. Handy.* W1BDI

FEH\*LMS

F. E. Handy  
ARRL Communications Manager.